

In the Claims:

1. (Four times amended) An isolated nucleic acid molecule consisting of a sequence selected from the group consisting of: (a) a sequence encoding an immunogenic polypeptide having at least 90% sequence identity to the contiguous amino acid sequence of SEQ ID NO:2; and (b) a sequence encoding an immunogenic polypeptide having at least 90% sequence identity to the contiguous amino acid sequence of SEQ ID NO:5.

2. (Five times amended) The nucleic acid molecule of claim 1 wherein said nucleic acid molecule encodes an immunogenic polypeptide having a sequence with at least 90% sequence identity to the contiguous amino acid sequence of SEQ ID NO:2.

4. (Four times amended) A recombinant vector comprising:

(a) a nucleic acid molecule encoding an immunogenic polypeptide comprising a sequence selected from the group consisting of: (i) a sequence having at least 90% sequence identity to the contiguous amino acid sequence of SEQ ID NO:2; and (ii) a sequence having at least 90% sequence identity to the contiguous amino acid sequence of SEQ ID NO:5; and

(b) control elements that are operably linked to said nucleic acid molecule whereby said coding sequence can be transcribed and translated in a host cell, and at least one of said control elements is heterologous to said coding sequence.

5. (Four times amended) A recombinant vector according to claim 4, wherein said nucleic acid molecule encodes an immunogenic polypeptide which comprises a sequence having at least 90% sequence identity to the contiguous amino acid sequence of SEQ ID NO:2.

6. (Four times amended) A recombinant vector according to claim 4, wherein said nucleic acid molecule encodes an immunogenic polypeptide which comprises a sequence having at least 90% sequence identity to the contiguous amino acid sequence of SEQ ID NO:5.

44. (Amended) An isolated nucleic acid molecule comprising a sequence selected from the group consisting of: (a) a sequence encoding the contiguous amino acid sequence of SEQ ID NO:2; and (b) a sequence encoding the contiguous amino acid sequence of SEQ ID NO:5.

45. (Amended) The nucleic acid molecule of claim 44 wherein said sequence